



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : LIGNELL et al. Confirmation No: 4529  
Appl. No. : 10/088,496  
Filed : March 29, 2002  
Title : USE OF XANTHOPHYLLS, ASTAXANTHIN e.g., FOR  
TREATMENT OF AUTOIMMUNE DISEASES, CHRONIC  
VIRAL AND INTRACELLULAR BACTERIAL INFECTIONS

TC/A.U. : 1654  
Examiner : S. Coe

Docket No.: : LIGN3005/REF  
Customer No: : 23364

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OCT 08 2003

**AMENDMENT**

TECH CENTER 1600/2900

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Official Action of March 31, 2003, in connection with the above-identified application. The period for response has been extended to expire on September 30, 2003 by the filing herewith of a Petition for a Three Month Extension of Time and payment of the required fee.

Please amend the above identified application as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.